

ROANOKE COUNTY SYSTEM OF ENVIRONMENTAL MANAGEMENT

Objectives and Targets

Significant Aspect: Vehicle Use
Objective: Reduction of environmental impact from County vehicle use
Target 3.1: Increase vehicle use efficiency through the Vehicle Replacement Committee

CONSIDERATIONS FOR ESTABLISHING THE OBJECTIVE AND TARGET

Policy Component: Pollution prevention; manages environmental impacts.

Technological Options: Purchase alternative fuel or dual fuel vehicles.

Business/Financial Considerations: Cost benefit analysis of fuel savings for a hybrid vehicle; examine technological options in the actual maintenance of vehicles.

Views of Interested Parties: County employees who drive private and County-owned vehicles; citizens; Board of Supervisors; all Roanoke Valley residents; federal and state governments, Department of Environmental Quality and Environmental Protection Agency; and Planning District Commission.

Legal Requirements: Clean Air Act.

Significant Aspect: Vehicle Use

ENVIRONMENTAL MANAGEMENT PROGRAM TO ACHIEVE THE OBJECTIVES AND TARGETS:

Person(s) Responsible: Anne Marie Green

Date Due: Guidelines will be completed in fall of 2003.

Means: TBD

Methods: Begin to investigate the possibility of purchasing dual-fuel vehicles and possibly identify a department for a pilot program.

Significant Aspect Requirements:

1. **Monitor/Measurement Method:** Measure mileage and fuel consumption and determine an aggregate average of miles per gallon for County vehicles on a quarterly basis.
2. **Operational Control Procedure:** Purchase more fuel efficient vehicles; department heads are responsible for developing controls to reduce miles and gas consumption to effect 5% overall reduction between 7/1/03 and 6/30/04.
3. **Competence of Personnel Who May Create a Significant Impact:**
4. **Training:** Conduct effective driver training for all employees who drive County vehicles. Program would start in October 2003 and finish by April 2004.

Date Created: June 23, 2003

Date Reviewed:

Reviewer Rating: